Nell E. Van Schaack | Junior Software Engineer

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TECHNICAL SKILLS

JavaScript | React | HTML | CSS | SQL | Git | Node | Express | Bootstrap | MongoDB | GraphQL | jQuery | Agile Methodology

PROJECTS

FinHub   Live Demo | GitHub Client | GitHub Server

A comprehensive financial widget that displays real-time data on key financial indicators.

Tech Stack: Javascript | React | React-Router | Express.js | Electron-Forge

- Built RESTful APIs on separate server to retrieve and deliver real-time data from multiple web APIs – this provides additional security with .env file, and prevents dealing with CORS errors
- Used React-Bootstrap to meticulously design a responsive, user-friendly widget
- Electron allows this desktop app to run cross-platform, which is advantageous if I want to share it with multiple users

Quizzy   Live Site | GitHub

An interactive MERN stack app for users to test their knowledge by taking several quizzes on different categories.

Tech Stack: Javascript | React | Node.js | Express.js | MongoDB | Mongoose | Apollo Server & Client | JWT | bcrypt | Render | Agile

- Added site-wide navigation for login/signup, home, and scores page using React Router
- Implemented user authentication with JWT and bcrypt
- Utilized GraphQL/Apollo for fetching quiz information stored in MongoDB database
- Planned and structured MongoDB database storage for users and quizzes

Happy Tails   Live Site | GitHub

A full-stack application created following the MVC pattern that showcases information about a variety of pets available for adoption.

Tech Stack: Javascript | Express.js |Express Handlebars | PostgreSQL | Node.js | Sequelize | bcrypt | Darkmode-js | Render | Agile

- Led team of four by creating application concept and wire-framing application designs
- Developed secure RESTful API with Node.js and Express.js to retrieve information about each animal up for adoption
- Contributed to user authentication by using a model hook to hash the user's password before saving it to database

PROFESSIONAL EXPERIENCE

Spicewood Surgery Center, Pre-op/ Peri-op/ Post-op Registered Nurse, Austin, TX   August 2023 – August 2024

- Conducted detailed patient assessment pre-, peri-, and post-surgery, educated patients and families on procedures, collaborated with healthcare team to provide holistic care for each patient

St. David's HealthCare, Registered Nurse, Austin, TX   July 2021 – July 2023

St. David's Medical Center – Orthopedics & Neurosurgery

- Delivered and educated patients on pain management, VTE prophylaxis, wound care, mobility, and infection prevention and managed critical labs (blood transfusions), performed neuro checks (q4h), and monitored patients during high-risk procedures

Round Rock Medical Center – Med/Surg & Telemetry

- Managed high-quality care with 6:1 patient-to-nurse ratio, maintain satisfaction scores above 90%, prepped patients for surgery, facilitated communication among care teams, monitored EKGs, provided advanced wound care, and managed PCA pumps

EDUCATION & ORGANIZATIONS

Certificate, Full Stack Web Development, University of Texas, Austin, TX   March 2024 – June 2024

Bachelor of Science in Nursing (BSN), Georgetown University, Washington, D.C.   August 2017 – May 2021

- **Varsity Field Hockey**, Georgetown University, NCAA Division 1
  - Thrived as a D1 athlete while maintaining a 3.2 GPA in Nursing, demonstrating exceptional time management, dedication to teamwork, and a strong work ethic.

Austin Women Software Engineers   September 2024

- Community-led organization focused on supporting women in the web development field.

Austin Women in Technology (AWT)   September 2024

- Professional organization that supports women in tech. Provides a platform for networking, collaboration and professional growth.